

10/577759
IAP17 Rec'd PCT/PTO 28 APR 2006

IN THE CLAIMS

Please amend the claims as follows:

1. (original) An interactive system (1), - the interactive system (1) comprising interacting means (2) and control means (6) for controlling the interacting means (1),
 - the control means (6) being responsive to control parameters (CP),
 - the control parameters comprising an inherited parameter (IP) and an interaction parameter (EP),
 - wherein the inherited parameter (IP) is constant,
 - wherein the interaction parameter (EP) is influenced by an external factor (EF), and
 - wherein the influence of the external factor (EF) on the interaction parameter (EP) is dependent on the inherited parameter (IP).
2. (original) A system as claimed in claim 1, wherein the inherited parameter (IP) is constant after an initialisation.
3. (original) A system as claimed in claim 2, wherein the initialisation of the inherited parameter (IP) is based on an inherited parameter (IP) of one or more further interactive

systems.

4. (original) A system as claimed in claim 3, wherein the random combination comprises a merging step, in which the inherited parameters (IP) of two or more further interactive systems are merged.

5. (currently amended) A system as claimed in ~~any of the claims~~ ~~claim 3 or 4~~ claim 3, wherein the initialisation of the inherited parameter (IP) is based on a random combination from inherited parameters (IP) of two or more further interactive systems.

6. (currently amended) A system as claimed in ~~any of the claims~~ ~~claim 3, 4 or 5~~ claim 3, wherein the initialisation of the inherited parameter (IP) is based on a random modification of an inherited parameter (IP) of a further interactive system.

7. (original) Method for controlling an interactive system (1) comprising interacting means (2) and control means (6) for controlling the interacting means (2),
- wherein the control means (6) respond to control parameters,
- wherein the control parameters comprise an inherited parameter (IP) and an interaction parameter,

- wherein the inherited parameter (IP) is constant,
- wherein the interaction parameter is influenced by an external factor (EF), and
- wherein the influence of the external factor (EF) on the interaction parameter depends on the inherited parameter (IP).

8. (original) A robot device comprising interacting means (2) and control means (6) for controlling the interacting means (2), the control means (6) being arranged such,

- that the control means (6) respond to control parameters,
- that the control parameters comprise an inherited parameter (IP) and an interaction parameter,
- that the inherited parameter (IP) is constant,
- that the interaction parameter is influenced by an external factor (EF), and
- that the influence of the external factor (EF) on the interaction parameter depends on the inherited parameter (IP).